

### ABSTRACT

5 The present invention relates to methods of causing MHC-class II or CD40 mediated immunomodulation, immunosuppression and anti-inflammatory action, in a subject suffering from or susceptible of suffering from a condition involving inappropriate immune response, which comprises administering to the subject at least one statin, or a functionally or structurally equivalent molecule, in an amount effective to modulate MHC class II or CD40 expression in the subject.